

LAW OFFICES  
**SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC**

2100 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037-3213  
TELEPHONE (202) 293-7060  
FACSIMILE (202) 293-7860  
www.sughrue.com

JC586 U.S. PTO  
09/614592



July 12, 2000

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Toshifumi SATO  
PATH SEARCH CIRCUIT FOR  
SIMULTANEOUSLY PERFORMING ANTENNA  
DIRECTIVITY CONTROL AND PATH SEARCH  
Our Ref. Q60082

Dear Sir:

Attached hereto is the application identified above including 33 sheets of the specification, claims, 4 sheets of informal drawings, executed Assignment and PTO 1595 form, and executed Declaration and Power of Attorney. Also enclosed is the Information Disclosure Statement with form PTO-1449 and references.

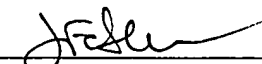
The Government filing fee is calculated as follows:

Total claims	10 - 20	=	x	\$18.00	=	\$0.00
Independent claims	1 - 3	=	x	\$78.00	=	\$0.00
Base Fee						\$690.00
<b>TOTAL FILING FEE</b>						<b>\$690.00</b>
Recordation of Assignment						\$40.00
<b>TOTAL FEE</b>						<b>\$730.00</b>

Checks for the statutory filing fee of \$690.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from July 16, 1999 based on Japanese Application No. 203752/1999. The priority document is enclosed herewith.

Respectfully submitted,  
SUGHRUE, MION, ZINN,  
MACPEAK & SEAS, PLLC  
Attorneys for Applicant

By:   
J. Frank Osha  
Registration No. 24, 625